## Universe of Chemicals in the Environment

Sources: Industry, Agriculture, Household Maintenance, PPCPs

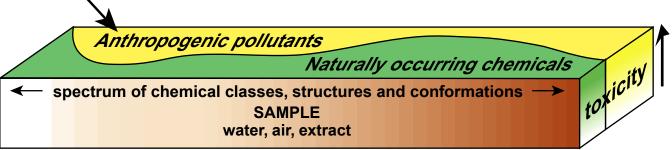
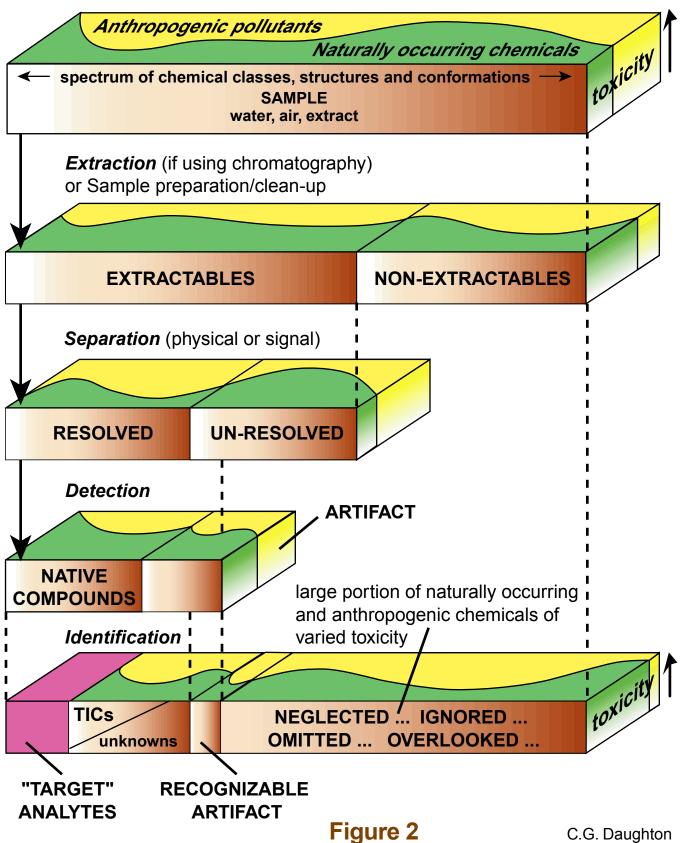


Figure 1

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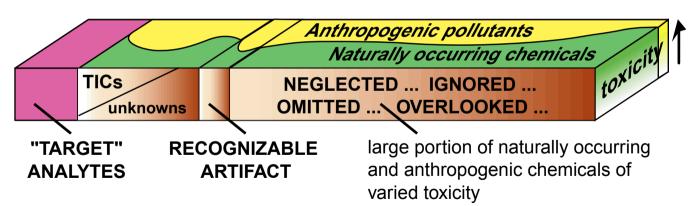
## Limitations and Complexity of Environmental Chemical Analysis



TICs = tentatively identified compounds

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## Chemical Analysis Output for a Typical Environmental Sample



TICs = tentatively identified compounds

Figure 3

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These figures are cited from the following web page: "The Critical Role of Analytical Chemistry," C.G. Daughton, July 2002

http://www.epa.gov/nerlesd1/chemistry/pharma/critical.htm